

Behnam Kamalidehghan

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,912
citations

279798

23
h-index

276875

41
g-index

69
all docs

69
docs citations

69
times ranked

3457
citing authors

#	ARTICLE	IF	CITATIONS
1	The Importance of Small Non-Coding RNAs in Human Reproduction: A Review Article. The Application of Clinical Genetics, 2020, Volume 13, 1-11.	3.0	31
2	SLC30A8, CDKAL1, TCF7L2, KCNQ1 and IGF2BP2 are Associated with Type 2 Diabetes Mellitus in Iranian Patients. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 897-906.	2.4	24
3	Prevalence of the CYP2C19*2 (681 G>A), *3 (636 G>A) and *17 (806 C>T) alleles among an Iranian population of different ethnicities. Molecular Medicine Reports, 2018, 17, 4195-4202.	2.4	26
4	Antiproliferative effects of imatinib mesylate on ZR75.1 and MDA-MB-231 cell lines via PDGFR β , PDGF α BB, c-Kit and SCF expression. International Journal of Molecular Medicine, 2018, 42, 414-424.	4.0	1
5	A comprehensive overview on osteoporosis and its risk factors. Therapeutics and Clinical Risk Management, 2018, Volume 14, 2029-2049.	2.0	237
6	Brain Lipopolysaccharide Preconditioning-Induced Gene Reprogramming Mediates a Tolerance State in Electroconvulsive Shock Model of Epilepsy. Frontiers in Pharmacology, 2018, 9, 416.	3.5	20
7	Inhibition of human prostate cancer (PC-3) cells and targeting of PC-3-derived prostate cancer stem cells with koenimbin, a natural dietary compound from <i>Murraya koenigii</i> (L) Spreng. Drug Design, Development and Therapy, 2018, Volume 12, 1119-1133.	4.3	22
8	Tribenzyltin carboxylates as anticancer drug candidates: Effect on the cytotoxicity, motility and invasiveness of breast cancer cell lines. European Journal of Medicinal Chemistry, 2017, 125, 770-783.	5.5	26
9	Four novel <i>ARSA</i> gene mutations with pathogenic impacts on metachromatic leukodystrophy: a bioinformatics approach to predict pathogenic mutations. Therapeutics and Clinical Risk Management, 2017, Volume 13, 725-731.	2.0	9
10	Antiproliferation effect of imatinib mesylate on MCF7, T-47D tumorigenic and MCF 10A nontumorigenic breast cell lines via PDGFR- β , PDGF-BB, c-Kit and SCF genes. Drug Design, Development and Therapy, 2017, Volume 11, 469-481.	4.3	17
11	Comparative analysis of essential oil composition of Iranian and Indian <i>Nigella sativa</i> ; <i>L.</i> extracted using supercritical fluid extraction and solvent extraction. Drug Design, Development and Therapy, 2017, Volume 11, 2221-2226.	4.3	34
12	Apoptotic induction and inhibition of NF- κ B signaling pathway in human prostatic cancer PC3 cells by natural compound 2,2'-oxybis (4-allyl-1-methoxybenzene), biseugenol B, from <i>Litsea costalis</i> : an in vitro study. OncoTargets and Therapy, 2017, Volume 10, 277-294.	2.0	17
13	Identification of a new mutation in an Iranian family with hereditary multiple osteochondromas. Therapeutics and Clinical Risk Management, 2016, Volume 13, 15-19.	2.0	1
14	Receptor tyrosine kinase (c-Kit) inhibitors: a potential therapeutic target in cancer cells. Drug Design, Development and Therapy, 2016, Volume 10, 2443-2459.	4.3	191
15	Association of nuclear and mitochondrial genes with audiological examinations in Iranian patients with nonaminoglycoside antibiotics-induced hearing loss. Therapeutics and Clinical Risk Management, 2016, 12, 117.	2.0	3
16	Anticancer activity of a monobenzyltin complex C1 against MDA-MB-231 cells through induction of Apoptosis and inhibition of breast cancer stem cells. Scientific Reports, 2016, 6, 38992.	3.3	47
17	Monobenzyltin Complex C1 Induces Apoptosis in MCF-7 Breast Cancer Cells through the Intrinsic Signaling Pathway and through the Targeting of MCF-7-Derived Breast Cancer Stem Cells via the Wnt/ β 2-Catenin Signaling Pathway. PLoS ONE, 2016, 11, e0160836.	2.5	21
18	Prevalence of the rs7903146C>T polymorphism in TCF7L2 gene for prediction of type 2 diabetes risk among Iranians of different ethnicities. Drug Design, Development and Therapy, 2015, 9, 5835.	4.3	5

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19	Prevalence of the CYP2D6*10 (C100T), *4 (C1846A), and *14 (G1758A) alleles among Iranians of different ethnicities. <i>Drug Design, Development and Therapy</i> , 2015, 9, 2627.	4.3	20
20	Formulation and In Vitro, In Vivo Evaluation of Effervescent Floating Sustained-Release Imatinib Mesylate Tablet. <i>PLoS ONE</i> , 2015, 10, e0126874.	2.5	22
21	Koenimbin, a natural dietary compound of <i>Murraya koenigii</i> (L) Spreng: inhibition of MCF7 breast cancer cells and targeting of derived MCF7 breast cancer stem cells (CD44+/CD24-/low): an in vitro study. <i>Drug Design, Development and Therapy</i> , 2015, 9, 1193.	4.3	22
22	Synthesis, structural characterization, and anticancer activity of a monobenzyltin compound against MCF-7 breast cancer cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 6191.	4.3	29
23	Synthesis, characterization and apoptotic activity of quinazolinone Schiff base derivatives toward MCF-7 cells via intrinsic and extrinsic apoptosis pathways. <i>Scientific Reports</i> , 2015, 5, 11544.	3.3	71
24	Four Novel p.N385K, p.V36A, c.1033â€“1034insT and c.1417â€“1418delCT Mutations in the Sphingomyelin Phosphodiesterase 1 (SMPD1) Gene in Patients with Types A and B Niemann-Pick Disease (NPD). <i>International Journal of Molecular Sciences</i> , 2015, 16, 6668-6676.	4.1	12
25	Oral consumption of $\hat{\pm}$ -linolenic acid increases serum BDNF levels in healthy adult humans. <i>Nutrition Journal</i> , 2015, 14, 20.	3.4	32
26	Synthesis of Apoptotic New Quinazolinone-Based Compound and Identification of its Underlying Mitochondrial Signalling Pathway in Breast Cancer Cells. <i>Current Pharmaceutical Design</i> , 2015, 21, 3417-3426.	1.9	8
27	Is Bax/Bcl-2 ratio considered as a prognostic marker with age and tumor location in colorectal cancer?. <i>Iranian Biomedical Journal</i> , 2015, 19, 69-75.	0.7	100
28	$\hat{\alpha}$ -Mangostin from <i>Cratoxylum arborescens</i> demonstrates apoptogenesis in MCF-7 with regulation of NF- $\hat{\kappa}$ B and Hsp70 protein modulation in vitro, and tumor reduction in vivo. <i>Drug Design, Development and Therapy</i> , 2014, 8, 1629.	4.3	23
29	Evaluation of cytotoxic and chemotherapeutic properties of boldine in breast cancer using in vitro and in vivo models. <i>Drug Design, Development and Therapy</i> , 2014, 8, 719.	4.3	38
30	Gene Expression Profiling of Mitochondrial Oxidative Phosphorylation (OXPHOS) Complex I in Friedreich Ataxia (FRDA) Patients. <i>PLoS ONE</i> , 2014, 9, e94069.	2.5	32
31	Two Novel Tyrosinase (TYR) Gene Mutations with Pathogenic Impact on Oculocutaneous Albinism Type 1 (OCA1). <i>PLoS ONE</i> , 2014, 9, e106656.	2.5	34
32	PASS-Predicted Hepatoprotective Activity of <i>Caesalpinia sappan</i> in Thioacetamide-Induced Liver Fibrosis in Rats. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	2.1	26
33	<i>Tanacetum polycephalum</i> (L.) Schultz-Bip. Induces Mitochondrial-Mediated Apoptosis and Inhibits Migration and Invasion in MCF7 Cells. <i>Molecules</i> , 2014, 19, 9478-9501.	3.8	16
34	Involvement of NF- $\hat{\kappa}$ B and HSP70 signaling pathways in the apoptosis of MDA-MB-231 cells induced by a prenylated xanthone compound, $\hat{\alpha}$ -mangostin, from <i>Cratoxylum arborescens</i> . <i>Drug Design, Development and Therapy</i> , 2014, 8, 2193.	4.3	18
35	Prevalence of the UGT1A1*6 (c.211G>A) Polymorphism and Prediction of Irinotecan Toxicity in Iranian Populations of Different Ethnicities. <i>Chemotherapy</i> , 2014, 60, 279-287.	1.6	5
36	A newly identified c.1824_1828dupATACG mutation in exon 13 of the GAA gene in infantile-onset glycogen storage disease type II (Pompe disease). <i>Molecular Biology Reports</i> , 2014, 41, 6211-6214.	2.3	2

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37	The mitochondrial ATPase6 gene is more susceptible to mutation than the ATPase8 gene in breast cancer patients. <i>Cancer Cell International</i> , 2014, 14, 21.	4.1	26
38	Chemopreventive Evaluation of a Schiff Base Derived Copper (II) Complex against Azoxymethane-Induced Colorectal Cancer in Rats. <i>PLoS ONE</i> , 2014, 9, e91246.	2.5	32
39	Anti-Ulcerogenic Effect of Methanolic Extracts from <i>Enicosanthellum pulchrum</i> (King) Heusden against Ethanol-Induced Acute Gastric Lesion in Animal Models. <i>PLoS ONE</i> , 2014, 9, e111925.	2.5	44
40	Molecular and clinical investigation of Iranian patients with Friedreich ataxia. <i>Iranian Biomedical Journal</i> , 2014, 18, 28-33.	0.7	3
41	Three novel mutations in Iranian patients with Tay-Sachs disease. <i>Iranian Biomedical Journal</i> , 2014, 18, 114-9.	0.7	5
42	Association of fibroblast growth factor (FGF-21) as a biomarker with primary mitochondrial disorders, but not with secondary mitochondrial disorders (Friedreich Ataxia). <i>Molecular Biology Reports</i> , 2013, 40, 6495-6499.	2.3	18
43	Fifteen novel mutations in the mitochondrial NADH dehydrogenase subunit 1, 2, 3, 4, 4L, 5 and 6 genes from Iranian patients with Leber's hereditary optic neuropathy (LHON). <i>Molecular Biology Reports</i> , 2013, 40, 6837-6841.	2.3	7
44	Pitfalls for Common Mitochondrial DNA Deletion (17019 mtDNA4977) As a Biomarker of Cancer. <i>Archives of Medical Research</i> , 2013, 44, 79-80.	3.3	3
45	Boesenbergin A, a chalcone from <i>Boesenbergia rotunda</i> induces apoptosis via mitochondrial dysregulation and cytochrome c release in A549 cells in vitro: Involvement of HSP70 and Bcl2/Bax signaling pathways. <i>Journal of Functional Foods</i> , 2013, 5, 87-97.	3.4	32
46	Induction of selective cytotoxicity and apoptosis in human T4-lymphoblastoid cell line (CEMss) by boesenbergin a isolated from boesenbergia rotunda rhizomes involves mitochondrial pathway, activation of caspase 3 and G2/M phase cell cycle arrest. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 41.	3.7	35
47	T4216C mutation in NADH dehydrogenase I gene is associated with recurrent pregnancy loss. <i>Mitochondrial DNA</i> , 2013, 24, 610-612.	0.6	12
48	Dentatin isolated from <i>Clausena excavata</i> induces apoptosis in MCF-7 cells through the intrinsic pathway with involvement of NF- κ B signalling and G0/G1 cell cycle arrest: A bioassay-guided approach. <i>Journal of Ethnopharmacology</i> , 2013, 145, 343-354.	4.1	47
49	Preparation and Characterization of a Gastric Floating Dosage Form of Capecitabine. <i>BioMed Research International</i> , 2013, 2013, 1-8.	1.9	14
50	Inclusion Complex of Zerumbone with Hydroxypropyl- β -Cyclodextrin Induces Apoptosis in Liver Hepatocellular HepG2 Cells via Caspase 8/BID Cleavage Switch and Modulating Bcl2/Bax Ratio. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-16.	1.2	19
51	A Phenylbutenoid Dimer, <i>cis</i> -3-(3,4-Dimethoxyphenyl)-4-[(<i>E</i>)-3,4-Dimethoxystyryl] Cyclohex-1-ene, Exhibits Apoptogenic Properties in T-Acute Lymphoblastic Leukemia Cells via Induction of p53-Independent Mitochondrial Signalling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-14.	1.2	22
52	Cutis Laxa Type II with Mutation in the Pyrroline-5-Carboxylate Reductase 1 Gene. <i>Pediatric Dermatology</i> , 2013, 30, e265-7.	0.9	4
53	The mitochondrial C16069T polymorphism, not mitochondrial D310 (D-loop) mononucleotide sequence variations, is associated with bladder cancer. <i>Cancer Cell International</i> , 2013, 13, 120.	4.1	23
54	Thymoquinone Induces Mitochondria-Mediated Apoptosis in Acute Lymphoblastic Leukaemia in Vitro. <i>Molecules</i> , 2013, 18, 11219-11240.	3.8	80

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55	Effect of Dietary Combination of Methionine and Fish Oil on Cellular Immunity and Plasma Fatty Acids in Infectious Bursal Disease Challenged Chickens. <i>Scientific World Journal</i> , The, 2013, 2013, 1-9.	2.1	11
56	Gastroprotection Studies of Schiff Base Zinc (II) Derivative Complex against Acute Superficial Hemorrhagic Mucosal Lesions in Rats. <i>PLoS ONE</i> , 2013, 8, e75036.	2.5	26
57	New pathogenic variations of mitochondrial DNA in Alzheimer disease!! <i>Journal of Research in Medical Sciences</i> , 2013, 18, 269.	0.9	1
58	Association of human mtDNA mutations with autism in Iranian patients. <i>Journal of Research in Medical Sciences</i> , 2013, 18, 926.	0.9	4
59	Involvement of NF- κ B and Bcl2/Bax signaling pathways in the apoptosis of MCF7 cells induced by a xanthone compound Pyranocycloartobiloxanthone A. <i>Phytomedicine</i> , 2012, 19, 1007-1015.	5.3	111
60	Establishment and characterization of two human breast carcinoma cell lines by spontaneous immortalization: Discordance between Estrogen, Progesterone and HER2/neu receptors of breast carcinoma tissues with derived cell lines. <i>Cancer Cell International</i> , 2012, 12, 43.	4.1	10
61	A novel mutation in the aprataxin (APTX) gene in an Iranian individual suffering early-onset ataxia with oculomotor apraxia type 1 (AOA1) disease. <i>Iranian Biomedical Journal</i> , 2012, 16, 223-5.	0.7	4
62	Identification of a novel arylsulfatase B gene mutation in three unrelated Iranian mucopolysaccharidosis type-VI patients with different phenotype severity. <i>Iranian Biomedical Journal</i> , 2012, 16, 169-71.	0.7	4
63	Analysis of mitochondrial ND1 gene in human colorectal cancer. <i>Journal of Research in Medical Sciences</i> , 2011, 16, 50-5.	0.9	21
64	Evaluation of <i>Helicobacter pylori</i> vacA Genotypes in Iranian Patients with Peptic Ulcer Disease. <i>Digestive Diseases and Sciences</i> , 2009, 54, 2399-2403.	2.3	14
65	Δ mtDNA4977 Is More Common in Non-tumoral Cells from Gastric Cancer Sample. <i>Archives of Medical Research</i> , 2006, 37, 730-735.	3.3	24
66	Tumoral Cell mtDNA Δ 8.9 kb Deletion Is More Common than Other Deletions in Gastric Cancer. <i>Archives of Medical Research</i> , 2006, 37, 848-853.	3.3	14